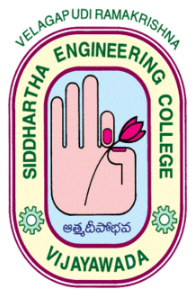
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

V R SIDDHARTHA ENGINEERING COLLEGE

VIJAYAWADA



LABORATORY WORKBOOK

17CS3652B MOBILE APPLICATION DEVELOPMENT LABORATORY



**LABORATORY WORKBOOK**

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| STUDENT NAME |  |
| REGISTERED NUMBER |  |
| YEAR |  |
| ACADEMIC YEAR |  |
| SEMESTER |  |
| SECTION |  |
| COURSE INSTRUCTOR |  |

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[b) Android Virtual Device Creation.](#_Toc97809)

**[Lab Session 02:](#_Toc97810)** [a) Implement Hello World Program](#_Toc97810)

[b) Develop an android application to demonstrate Activity life cycle.](#_Toc97810)

Example: Develop an android application that find's my age.

**[Lab Session 03:](#_Toc97811)** [a) Develop an android application to demonstrate the Implicit and Explicit Intent.](#_Toc97811)

[b) Develop an android application to demonstrate Intent Filters](#_Toc97811)

Example: Develop a mobile application that shares the message through an email.

[**Lab Session 04:** Develop an android application to implement login and registration screens………....](#_Toc97818)

**[Lab Session 05:](#_Toc97812)**  [Develop an android application to implement user interface by using different types of User Interface (UI) Layouts available in android.](#_Toc97812)

[a) Frame Layout,Table Layout, Constraint Layout](#_Toc97812)

b) TextView, EditText, RadioButton, Button, SeekBar

Example: Develop an android application that prompts the user to cast the poll.

[**Lab Session 06:**](#_Toc97813) Develop an android application to implement user interface by using User Interface (UI) or input controls available in android.

a) Toggle Button, Spinner

b) RatingBar,

Example: Develop an android application that allows the user to rate an application.

[**Lab Session 07:**](#_Toc97813) Develop an android application to implement user interface by using User Interface (UI) or input controls available in android.

a)TextView, EditText, Button, Toggle Button, CheckBox, Radiobutton, Spinner

b) DatePicker, TimePicker, SeekBar, RatingBar,

Example: Develop an android application that sets various color code.

**[Lab Session 08:](#_Toc97812)**  [Develop an android application to implement user interface by using different types of User Interface (UI) Layouts available in android.](#_Toc97812)

[Linear Layout, Relative Layout,](#_Toc97812)

Example: Develop an android application that converts text to speech.

**[Lab Session 09:](#_Toc97814)** [Develop an android application to implement user interface by using Android Menus](#_Toc97814)

[a)Options Menu,](#_Toc97814)

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[a)Android Notifications (BigTextStyle, BigPictureStyle, InboxStyle)](#_Toc97815)

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Example: Develop an android application that send an SMS

**[Lab Session 11:](#_Toc97816)**  [Develop an android application to implement Android Notifications](#_Toc97816)

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ACADEMIC YEAR 2020-2021

17CS3652B MOBILE APPLICATION DEVELOPMENT LABORATORY ***CONTINUOUS EVALUATION REPORT***

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| Sl No | Date | Experiment Name | Pre-Lab  (5M) | In-Lab | | | | Post Lab  (5M) | Viva Voce (3M) | Total (30M) | Faculty Signature |
| LOGIC  (2M) | EXECUTION (5M) | RESULT (5M) | ANALYSIS (5M) |
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*(For Evaluator’s use only)*

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|  | Comments of the Evaluator (if Any) | Evaluator’s Observation  Marks Secured:\_\_\_\_\_\_\_ out of \_\_\_\_\_\_\_\_  Full Name of the Evaluator:  Signature of the Evaluator Date of Evaluation: | Signature of the Head of the Department |